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I have made some experiments with the view to form a comparative estimate of the wholesome stimulating effects of camphor and of nitre upon plants put in water. The result of my experiments favours the idea, that camphor is a more wholesome stimulant than nitre. Unless the dose of this last substance is managed with very great care, it is apt to produce weakness, languor, and death. Even in that hardy evergreen, our Broad-Leaved laurel (*Kalmia latifolia*), I found that a few grains of nitre produced, in a short time, not only a loss of the green colour, but an appearance, which I would compare to that of sphacelus, or mortification, in animals.

N°. XXVIII.

Supplementum Indicis Floræ Lancastriensis. Auctore
 HENRICO MUHLENBERG. Communicated by Dr.
 BARTON.

Read Sept. 7
 16, 1796. } CLASSIS 1.

Callitriche.
 autumnalis.

CLASSIS 2.

Veronica.
 scutellata.

CLASSIS 3.

Schoenus.
 Mariscus.

Cyperus.

spathaceus.
 flavescens.
 esculentus.

Scirpus.

squarrosus.

Eriophorum.

virginicum.

polystachion.

Panicum.

geniculatum. N. S.

rostratum.

rostratum. N. S.
 agrostoides. N. S.
 pilosum. N. S.
 Phleum.
 nodosum.

Agrostis.
 scabra. N. S.
 laxa. N. S.
 fobolifera. N. S.
 clandestina. N. S.

Poa.
 stolonifera.
 rubra. N. S.

CLASSIS 4.

Potamogeton.
 nervosum. N. S.

CLASSIS 5.

Lyfimachia.
 stricta.
 quadrifolia.
 Hydrophyllum.
 canadense.
 Polemonium.
 dubium.
 Hydrocotyle.
 bipinnata. N. S.

CLASSIS 6.

Allium.
 ursinum.
 Lilium.
 superbum.
 Convallaria.

stellata.
 Juncus.
 vernalis.
 filiformis.

CLASSIS 10.

Arenaria.
 lateriflora.
 Stellaria.
 uliginosa.

CLASSIS 12.

Prunus.
 nana.
 Potentilla.
 norvegica.
 Spiraea.
 alba.

CLASSIS 13.

Actaea.
 spicata.
 Anemone.
 pennsylvanica.
 Ranunculus.
 bulbosus.

CLASSIS 14.

Melampyrum.
 pratense.

CLASSIS 17.

Polygala.
 cruciata.

CLASSIS 19.

CLASSIS 19.

Carduus.
altissimus.
Bidens.
frondosa.
Gnaphalium.
uliginosum.
Helianthus.
frondosus.
Polymnia.
Canadensis.
Silphium.
trifoliatum.

acuminata.
cuspidata. N. S.
Acnida.
cannabina.

CLASSIS 23.

Andropogon.
Virginicum.
purpurascens. Clayton
602.
Parietaria.
officinalis ?

CLASSIS 24.

Asplenium.
ruta muraria.
Polypodium.
novaboracense.
Porella.
pinnata. Dillen. 68, 1.
Phascum.
cuspidatum. Dill. 32,
11.
subulatum. Hedwig, 1,
35.
crispum. Hedwig, 1, 9.
patens. Hedwig, Crypt.
1, 10.
Fontinalis.
antipyretica. Dill. 33, 1.
Buxbaumia.
foliosa. Dill. 32, 13.
Mnium.
hygrometricum. Dill. 52,
75.

CLASSIS 20.

Ophrys.
lilifolia.
spiralis.
Limodorum.
tuberosum.

CLASSIS 21.

Chara.
vulgaris.
flexilis.
Lemna.
trifulca.
Quercus.
illicifolia. Wangenheim.
stellata.
castanea. N. S.

CLASSIS 22.

Salix.
alba.

- megapolitanum. Hedwig,
 1, 31.
 heteromallum. Hedw. 1,
 26.
 triquetrum. Hedw. 1, 21,
 22.
 fontanum. Dill. 44, 2.
 cespiticiū. Dill. 50, 66.
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 nutans. Hedwig, 1, t. 4.
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 ciliatum. Dill. 35, 5.
 pufillum. Hedwig, 1, 28.
 murale. Dill. 45, 14.
 apocarpum. Dill. 32, 4.
 viridulum. Hedwig, 11,
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 1, 23.
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Hypnum.
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 denticulatum. Dill. 34, 5.
 bryoides. Dill. 34, 1.
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 t. 2.
 lutescens. Hedwig. 4, t.
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 cuspidatum. Dill. 39, 34.
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 pilofum. N. S. Dill. 85,
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 fragile. N. S.
 falebrofum. N. S.
Iungermannia.
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 nemorosa. Dill. 71, 18.
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 polymorpha.
 hemisphaerica.
Anthoceros.
 laevis. Dill. 68, 2.
 punctatus. Dill. 68, 1.
Lichen.
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 farinosus.
 fcriptus.
 fuscus.
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 mufcorum.
 albo ater.

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argenteus.	furcatus.
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ater.	barbatus.
varius.	radiciformis.
umbrinus. N. S.	pubescens.
immerfus.	chalybeiformis.
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angulosus.	Conferva.
candelaris.	rivularis.
caesius.	fontinalis.
tiliaceus.	gelatinosa.
centrifugus.	Byffus.
speciosus.	flos aquæ.
ciliatus.	nigra.
stellaris.	fulva.
stellariformis.	candida.
olivaceus.	Tremella.
pulverulentus.	Pisum.
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punctata f. granulosa.	flavus.
mamillaris.	Mucedo.
<i>et aliæ.</i>	Erysiphe.
Tubercularia.	



Extract of a Letter from the Reverend Dr. HENRY MUHLENBERG, to Dr. BARTON, relative to the preceding Supplement.*

“ WITH great satisfaction, I acknowledge the assistance I had from some of my friends, in making this supplement, in particular from Dr. James Edward Smith, the learned, candid, and ingenious possessor of the Herbarium of the two Linnæi; from Dr. Hoffman, in Göttingen, and from Dr. Hedwig in Leipzig, both well known by their excellent works on Lichens and Mosses.

“ I add the names of some books, mentioned in this supplement. Dillenii Historia Muscorum. Oxonii, 1741. Hoffman Vegetabilia Cryptogamica. Erlangæ, 1787, fasc. 1. 2. Schæfferi Fungorum Icones. Ratisbonæ, 1780. Batfch Elenchus Fungorum. Halæ, 1783. cum continuatione, fig. 1—232. Hedwig Stirpes Cryptogamicæ. Lipsiæ, Vol. 1. ii. iii. iv. Tode Fungi Selecti Meklen-burgenses.”

* Dated Lancaster, August 29th 1796.